

REMARKS

Status of the Claims

The Final Office Action mailed December 2, 2008 noted that claims 1, 3-5, 7-9, 11, 13-15, 17-19, and 21 were pending and rejected all claims. Claims 1, 8, 11, and 18 are amended. Claims 4, 5, 14, 15, and 21 are newly cancelled. New claim 22 is added. No new matter is believed to be presented.

Claims 1, 3, 7, 9, 11, 13, 17-19, and 22 are pending and under consideration. Reconsideration of the claims is respectfully requested. The rejections are traversed below.

Double Patenting Rejections

The Office Action, on page 2, in item 3, provisionally rejected claims 1 and 11 under obviousness-type double patenting as being unpatentable over claims 5 and 12 of U.S. Patent Number 7,131,577. This rejection is respectfully traversed below.

It is respectfully requested that the Applicants be allowed to address any obviousness-type double patenting issues remaining once the rejection of the claims under 35 U.S.C. § 102(e) is resolved and that the rejection be considered in light of the amended claims presented above.

The Office Action, on page 3, in item 4, provisionally rejected claims 1 and 11 under obviousness-type double patenting as being unpatentable over claims 3 and 12 of copending Patent Application 11/103,450. This rejection is respectfully traversed below.

Since U.S. Patent Application Number 11/103,450 has not yet issued as a patent, it is believed that any submission of a Terminal Disclaimer or arguments as to the non-obvious nature of the claims would be premature. See MPEP 804(I)(B). Further, it is respectfully requested that the Applicants be allowed to address any obviousness-type double patenting issues remaining once the rejection of the claims under 35 U.S.C. § 102(e) is resolved and that the rejection be reconsidered in light of the amended claims presented above.

Rejection under 35 U.S.C. § 102(e)

The Office Action, on page 4, in item 6, rejected claims 1, 3-5, 7-9, 11, 13-15, 17-19, and 21 under 35 U.S.C. § 102(e) as being anticipated by Drummond et al. (U.S. Patent Number 7,025,255). This rejection is respectfully traversed below.

Claim 1 is amended to clarify its patentable distinctive features which are not cited or

found in Drummond including:

a method program which is called up by said script and **is defined by each processing of said transaction operation**, and for synchronously operating said plurality of I/O units,

wherein said browser interprets said screen content from said Web server and performs said guide display, and interprets said script of said object embedded in said screen content and calls up said method, **said method issuing said I/O commands to said plurality of I/O controllers for controlling a synchronization of said plurality of I/O units designated by said called method and receiving a reply from said plurality of I/O units.**

Drummond depicts a sync object 284 in Figure 52 which provides synchronization between tasks. As an example, Drummond notes that a developer of a terminal director may want to dispense cash and print a receipt at the same time and wait for these tasks to complete before continuing. Drummond notes that this can be accomplished by connecting the operation events of the dispenser object 270 and the printer object 282 to the sync0 method 542 and sync1 method 544. The sync object 284 then can fire exit events depending on when and how the sync methods are called. In other words, the sync object is merely related to connecting operation events together. Further, Figures 40-53 of Drummond show that each object, such as the printer object and dispenser object, has its own method which must be called, rather than using a single "method program" as in claim 1. Each of these methods requires extra processing cycles eliminated by the distinctive features of claim 1. (See Drummond, column 59, lines 35-52, column 60, lines 5-7, Figures 40-53).

The sync object 284 of Drummond is not related to and thus Drummond is silent regarding "a method program" which is called by said script and **"defined by each processing of said transaction operation,"** the program "issuing said I/O commands to said plurality of I/O controllers for controlling a synchronization of said plurality of I/O units designated by said called method and receiving a reply from said plurality of I/O units" as recited, for example, in claim 1. This is depicted in Figure 12 of the Application. Drummond does not discuss a method program issuing said I/O commands to said plurality of I/O controllers for controlling a synchronization of said plurality of I/O units...and receiving a reply from said plurality of I/O units. Drummond merely notes connecting two operation events together.

The rejection on page 6 of the Office Action cites column 44, line 61 to column 62, line 61 of Drummond. Because this is a very large cited portion of Drummond, as best understood, the rejection is respectfully traversed as discussed above. The Applicant respectfully requests clarification in the next Office Action so as to best advance prosecution.

Claim 11 patentably distinguishes over Drummond because nothing cited or found in Drummond discusses "said method issuing said I/O commands to said plurality of I/O controllers for controlling a synchronization of said plurality of I/O units designated by said called method and receiving a reply from said plurality of I/O units."

The dependent claims depend from the above-discussed independent claims and are patentable over the cited reference Drummond for the reasons discussed above.

New Claim 22

New claim 22 patentably distinguishes over Drummond because nothing cited or found in Drummond discusses calling a single script which executes a process of "synchronizing a plurality of input/output units; issuing input/output commands to a plurality of input/output controllers controlling the input/output units; and receiving replies from the plurality of input/output units."

Summary

There being no further outstanding objections or rejections, it is submitted that the application is in condition for allowance. An early action to that effect is courteously solicited.

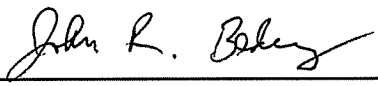
Finally, if there are any formal matters remaining after this response, the Examiner is requested to telephone the undersigned to attend to these matters.

If there are any additional fees associated with filing of this Amendment, please charge the same to our Deposit Account No. 19-3935.

Respectfully submitted,

STAAS & HALSEY LLP

Date: 6-2-09

By: 
John R. Bednarz
Registration No. 62,168

1201 New York Avenue, N.W., 7th Floor
Washington, D.C. 20005
Telephone: (202) 434-1500
Facsimile: (202) 434-1501